

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A solid lubricant system for use in the production of metal powder compacted parts, said solid lubricant system comprising:

- (a) about 0.5 wt% to about 50 wt% of a guanidine material,
- (b) about 5 wt% to about 35 wt% of a fatty acid,
- (c) about 30 wt% to about 65 wt% of an amide wax
- (d) wherein said solid lubricant system being is capable of forming a liquid phase upon application of pressure, and
- (e) wherein said solid lubricant system exhibits a viscosity of from about 1000 to about 6000 poise at a shear rate of 1000/second and a temperature of about 100°F.

Claim 2 (canceled)

Claim 3 (currently amended): A The solid lubricant system ~~as set forth in~~ of claim 2 1 wherein said fatty acid comprises lithium stearate.

Claim 4 (canceled)

Claim 5 (currently amended): A The solid lubricant system ~~as set forth in~~ of claim 2 1 for use as a die wall lubricant.

Claims 6-7 (canceled)

Claim 8 (currently amended): A The solid lubricant system ~~as set forth in~~ of claim 2 1 comprising a synthetic wax and a fatty acid ester.

Claim 9 (canceled)

Claim 10 (currently amended): A The solid lubricant system ~~as set forth in~~ of claim 2 1 wherein said fatty acid comprises stearic acid.

Claim 11 (currently amended): A The solid lubricant system ~~as set forth in~~ of claim 2 1 wherein said fatty acid comprises lauric acid.

Claim 12 (currently amended): A The solid lubricant system ~~as set forth in~~ of claim 2 1 wherein said fatty acid comprises a mixture of stearic acid, palmitic acid and lauric acid.

Claim 13 (currently amended): A The solid lubricant system ~~as set forth in~~ of claim 7 1 wherein said guanidine material comprises guanidine stearate.

Claim 14 (currently amended): A The solid lubricant system ~~as set forth in~~ of claim 7 1 wherein said guanidine material comprises guanidine ethyl-neonate ethyl-hexanoate.

Claim 15 (currently amended): A The solid lubricant system ~~as set forth in~~ of claim 7 1 wherein said guanidine material comprises a mixture of guanidine stearate and guanidine ethyl-hexonate ethyl-hexanoate.

Claims 16 -20 (canceled)

Claim 21 (new): A solid lubricant system for use in the production of metal powder compacted parts, said solid lubricant system consisting of:

- (a) about 0.5 wt% to about 50 wt% of a guanidine material,
- (b) about 5 wt% to about 35 wt% of a fatty acid, and
- (c) about 30 wt% to about 65 wt% of an amide wax.

Claim 22 (new): The lubricant system of claim 21 wherein said lubricant system is capable of forming a liquid phase upon application of pressure, and wherein said lubricant system exhibits a viscosity of from about 1000 to about 6000 poise at a shear rate of 1000/second.